

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
2 June 2005 (02.06.2005)

PCT

(10) International Publication Number
WO 2005/049814 A2

(51) International Patent Classification⁷: C12N 7/00 Erasmus [NL/BE]; Karel Rogierstraat 22, B-2000 Antwerpen-Zuid (BE).

(21) International Application Number: PCT/NL2004/000805 (74) Agent: WINCKELS, J.H.E.; Nieuwe Parklaan 97, NL-2587 BN Den Haag (NL).

(22) International Filing Date:
18 November 2004 (18.11.2004)

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
03078613.1 18 November 2003 (18.11.2003) EP
03078772.5 1 December 2003 (01.12.2003) EP

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (*for all designated States except US*): VIRONOVATIVE B.V. [NL/NL]; Burgemeester Oudlaan 50, NL-3062 PA Rotterdam (NL).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): DE JONG, Jan, Cornelis [NL/NL]; Krugerlaan 205, NL-2806 EH Gouda (NL). BESTEBROER, Theodorus, Marinus [NL/NL]; Toumooi 47, NL-2924 VE Krimpen aan den IJssel (NL). SIMON, James, Henry, Matthew [GB/NL]; Lauriersgracht 119 III, NL-1016 RK Amsterdam (NL). FOUCHIER, Ronaldus, Adrianus, Maria [NL/NL]; Essenburgsingel 44a, NL-3021 AR Rotterdam (NL). OSTERHAUS, Albertus, Dominicus, Marcellinus,

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



WO 2005/049814 A2

(54) Title: NOVEL ATYPICAL PNEUMONIA-CAUSING VIRUS

(57) Abstract: The invention relates to the field of virology. The invention provides a new isolated essentially mammalian positive-sense single stranded RNA virus (EMCR-CoV) within the group of coronaviruses and components thereof.